

level without attenuating the received signal on said receive path so as to desensitize the receiver;

dynamically adjusting the power level of the desensitization signal based on changing system operating parameters of the wireless communication system; and

transmitting to the source of the received signal a new power transmission level of the received signal based on the level of the desensitization signal.

Sub D27

11. (Twice Amended) In a wireless communication system, a receiver having a receive path for receiving a signal, said receiver comprising:

a desensitization signal source that is capable of producing a desensitization signal on a desensitization signal path;

a coupler connected to said desensitization signal path and said receive path and injects said desensitization signal into said receive path to raise the noise level on said receive path relative to the signal level without attenuating the received signal on said receive path so as to desensitize the receiver;

means for dynamically adjusting the power level of the desensitization signal based on changing system operating parameters of the wireless communication system; and

means for transmitting to the source of the received signal a new transmission power level of the received signal based on the level of the desensitization signal.

C2